



特2000-259458

	従来例	実施例 1	実施例 2	比較例 1	比較例 2	比較例 3
ベルトプライのトッピングゴム						
・ゴム基材 (天然ゴム)	100	100	100	100	100	100
・充填剤 (カーボンブラック)	60	60	60	60	60	60
・レゾルシン縮合物 ※1	—	1	3	—	—	—
・メチレンドナー ※2	—	1.5	3	—	—	—
複素弾性率※3	100	125	170	100	100	100
ベルトコード						
・構成	1×3/0.27	1×1/0.4	1×1/0.4	1×1/0.4	1×1/0.6	1×1
・打ち込み本数 (本/5cm)	34	40	34	40	34	48
タイヤ重量	100	95	90	95	90	100
操縦安定性	3	3.5	3.5	3	2.5	3.5

※1) 住友化学工業 (株) 製スミカノール (商標) 620

※2) 住友化学工業 (株) 製スミカノール (商標) 507

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Table 1

	Conventional example	Embodiment 1	Embodiment 2	Ref.1	Ref.2	Ref.3
Belt ply topping rubber						
-Base rubber(natural rubber)	100	100	100	100	100	100
-Filler(carbon black)	60	60	60	60	60	60
-Resorcino1 condensation product*1	-	1	3	-	-	-
-Methylene donor *2	-	1.5	3	-	-	-
Complex elastic modulus *3	100	125	170	100	100	100
Belt cord						
-Structure	1X3/0.27	1X1/0.4	1X1/0.4	1X1/0.4	1X1/0.6	1X1
-Cord count (/5cm)	34	40	34	40	34	48
Tire weight	100	95	90	95	90	100
Steering stability	3	3.5	3.5	3	2.5	3.5

\*1) Sumicanol 620 (Trade name) Sumitomo Chemical Company, Limited

\*2) Sumicanol 507 (Trade name) Sumitomo Chemical Company, Limited

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